

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Homework

## Subtraction Using the Middle Zero Trick!

Step 1:

$$\begin{array}{r} 403 \\ - 94 \\ \hline \end{array}$$

You can't  
subtract 3 from  
4.

You have to  
regroup!

But you can't  
regroup from a  
0!

Step 2:

$$\begin{array}{r} \downarrow \\ \boxed{4} \boxed{0} 3 \\ - 94 \\ \hline \end{array}$$

You have to make  
a new neighbor!

Look at the  
number next to  
the zero. Can  
you regroup from  
there?

Draw a box  
around the new  
number.

Step 3:

$$\begin{array}{r} 39 \\ \boxed{\cancel{4}} \boxed{\cancel{0}} 3 \\ - 94 \\ \hline \end{array}$$

Cross out the  
box.

What is one less  
than the new  
number?

Write the new  
number above  
the box.

Regroup.  
Subtract.

Subtract. Show your work!!!

1. 
$$\begin{array}{r} 4,062 \\ - 1,292 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 5,900 \\ - 899 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 4,003 \\ - 423 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 7,003 \\ - 298 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 6,010 \\ - 3,478 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 4,000 \\ - 298 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 1,303 \\ - 797 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 8,000 \\ - 4,449 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 2,000 \\ - 376 \\ \hline \end{array}$$

Subtract. Show your work!

Homework

$$\begin{array}{r} 10. \quad 601 \\ - 208 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 7,040 \\ - 2,634 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 907 \\ - 359 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 3,005 \\ - 2,228 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 8,070 \\ - 688 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 5,800 \\ - 4,390 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 6,108 \\ - 2,438 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 2,301 \\ - 146 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 5,000 \\ - 329 \\ \hline \end{array}$$

19. What number is 297 less than 1,901? \_\_\_\_\_

20. Pretend you are teaching a friend about how to use the Middle Zero trick. Describe how you would solve the problem  $2,004 - 1,559$ . Write and show all of the steps!

How to solve:

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Work Space: